IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Scott E. Andersen et al.

Appln. No.: To Be Assigned

Filed: Herewith

For: Nucleic Acid Molecules and Other

Molecules Associated with Plants

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 38-21(15878)D

Appointment of Associate Attorneys

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned attorney of record, named in the application papers filed under 37 C.F.R. § 1.53, hereby appoints:

practitioners at Arnold & Porter, Customer No. 28381

as associate registered attorneys and agents.

Respectfully submitted,

Respectfully Submitted,

David R. Marsh (Reg. Attorney No. 41,408)

Date: July 25, 2003

ARNOLD & PORTER 555 Twelfth Street, N.W. Washington, D.C. 20004 202.942.5000 telephone 202.942.5999 facsimile



Combined Declaration and Power of Attorney for Patent Application

Docket Number: 38-21(15878)B

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled <u>Nucleic Acid Molecules and Other Molecules Associated With Plants</u>, the specification of which is filed herewith unless the following box is checked:

	Application Number; and (if applicable).		
I hereby state that I have amended by any amendm		ents of the above identified specification, in	cluding the claims, as
I acknowledge the duty to	disclose information that is mate	erial to patentability as defined in 37 C.F.R.	§ 1.56.
inventor's certificate, or § States listed below, and h application having a filing	365(a) of any PCT international ave also identified below any foreg date before that of the application	119(a)-(d) or § 365(b) of any foreign applic application, which designated at least one c eign application for patent or inventor's cert on on which priority is claimed.	ountry other than the Unite ificate, or PCT internationa
inventor's certificate, or § States listed below, and h	365(a) of any PCT international ave also identified below any foreg date before that of the application	application, which designated at least one c eign application for patent or inventor's cert	ountry other than the Unite
inventor's certificate, or § States listed below, and h application having a filing	365(a) of any PCT international ave also identified below any foreg date before that of the application	application, which designated at least one c eign application for patent or inventor's cert	ountry other than the Unite ificate, or PCT internationa
inventor's certificate, or § States listed below, and h application having a filing	365(a) of any PCT international ave also identified below any foreg date before that of the application	application, which designated at least one c eign application for patent or inventor's cert	ountry other than the Unite ificate, or PCT international Priority Claimed
inventor's certificate, or § States listed below, and h application having a filing Prior Foreign Application	365(a) of any PCT international ave also identified below any foreg date before that of the application(s)	application, which designated at least one ceign application for patent or inventor's cert on on which priority is claimed.	ountry other than the Unite ificate, or PCT international Priority Claimed

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

Robert A. Auchter, Reg. No. 38,069 Jeffrey I. Auerbach, Reg. No. 32,680 Melvin L. Barnes, Jr. Reg. No. 38,375 William D. Belanger, Reg. No. 40,509 Michael J. Bell, Reg. No. 39,604 John A. Bendrick, Reg. No. 341,612 Celine T. Callahan, Reg. No. 34,301 Cono A. Carrano, Reg. No. 39,623 June E. Cohan, Reg. No. 43,741 Joseph V. Colaianni, Reg. No. 39,948 Chris Comuntzis, Reg. No. 31,097 Mary S. Consalvi, Reg. No. 32,212 Jenny Wei-Chun Chen, Reg. No. 44,604 Ben M. Davidson, Reg. No. 38,424 Ross E. Davidson, Reg. No. 41,698 James F. Davis, Reg. No. 21,072 Thomas M. Dunham, Reg. No. 39,965 Thomas C. Fiala, Reg. No. 43,610 Joel M. Freed, Reg. No. 25,101 Vernon Randall Gard, Reg. No. 33,886 Alan M. Grimaldi, Reg. No. 26,599 Sharmini Nathan Green, Reg. No. 41,410 Alexander J. Hadjis, Reg. No. 36,540 Albert P. Halluin, Reg. No. 25,227 Leslie L. Jacobs, Jr., Reg. No. 40,659 Derek J. Jardieu, Reg. No. 44,483

Christopher L. Kelley, Reg. No. 42,714 Brian S. Y. Kim, Reg. No. 41,114

Send Correspondence to:

Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186 Andrew R. Kopsidas, Reg. No. 42,759 David J. Kulik, Reg. No. 36,576 Viola T. Kung, Reg. No. 41,131 Robert C. Laurenson, Reg. No. 34,206

Joseph P. Lavelle, Reg. No. 31,036 Don F. Livornese, Reg. No. 32,040 Christopher A. Mathews, Reg. No. 35,944 David R. Marsh, Reg. No. 41,408 Joseph A. Micallef, Reg. No. 39,772 Erik B. Milch, Reg. No. 42,887 Anthony D. Miller, Reg. No. 34,394 Matthew J. Moore, Reg. No. 42,012 Karen L. Nicastro, Reg. No. 35,968 Bradley J. Olson, Reg. No. 40,750 Andrew Y. Piatnicia, Reg.No. 40,772 Timothy W. Riffe, Reg. No. 43,881 Andrea G. Reister, Reg. No. 36,253 Paul D. Roath, Reg. No. 45,045 Stephen J. Rosenman, Reg. No. 29,209 Timothy L. Scott, Reg. No. 37,931 Anthony W. Shaw, Reg. No. 30,104 J. David Smith, Reg. No. 39,839 Michael J. Songer, Reg. No. 39,841 Jennifer A. Tipsord, Reg. No. 40.205 William K. West, Reg. No. 22,057 Adam K. Whiting, Reg. No. 44,400 Robert J. Worrall, Reg. No. 37,969

Larry M. Lavin, Jr.
Monsanto Company
700 Chesterfield Parkway North, BB4F
St. Louis, Missouri
Facsimile: (314) 737-6047

Direct Telephone Calls to: 314-737-6670

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or firs	inventor Scott E. Andersen
Inventor's signature	Int A Date 6/6/00
Residence	St. Louis, Missouri USA
Citizenship	USA
Post Office Address	-1984 Oberlin Court, St. Louis, Missouri 63146 1036 Fash an Sq
	St. Louis MO 63146

Full name of second inventor	Joseph R. Byrum	
Inventor's signature		Date
Residence	Des Moines, Iowa USA	
Citizenship	USA	
Post Office Address	4533 Woodland Avenue, Unit 1, Des Moines, Iowa 50266	

	or Robert C. De La Pena	
Inventor's signature		Date
Residence	Ballwin, Missouri USA	
Citizenship	USA	
Post Office Address	825 Forest Village Drive, Ballwin, Missouri 63021	,



Combined Declaration and Power of Attorney for Patent Application

Docket Number: 38-21(15878)B

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled Nucleic Acid Molecules and Other Molecules Associated With Plants, the specification of which is filed herewith unless the following box is checked: was filed on _; as United States Application Number; and was amended on _____ (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed. Priority Claimed Prior Foreign Application(s) ☐ No ☐ Yes (Day/Month/Year Filed) (Application No.) (Country) ☐ No ☐ Yes (Day/Month/Year Filed) (Application No.) (Country)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

Robert A. Auchter, Reg. No. 38,069 Jeffrey I. Auerbach, Reg. No. 32,680 Melvin L. Barnes, Jr. Reg. No. 38,375 William D. Belanger, Reg. No. 40,509 Michael J. Bell, Reg. No. 39,604 John A. Bendrick, Reg. No. 341,612 Celine T. Callahan, Reg. No. 34,301 Cono A. Carrano, Reg. No. 39,623 June E. Cohan, Reg. No. 43,741 Joseph V. Colaianni, Reg. No. 39,948 Chris Comuntzis, Reg. No. 31,097 Mary S. Consalvi, Reg. No. 32,212 Jenny Wei-Chun Chen, Reg. No. 44,604 Ben M. Davidson, Reg. No. 38,424 Ross E. Davidson, Reg. No. 41,698 James F. Davis, Reg. No. 21,072 Thomas M. Dunham, Reg. No. 39,965 Thomas C. Fiala, Reg. No. 43,610 Joel M. Freed, Reg. No. 25,101 Vernon Randall Gard, Reg. No. 33,886 Alan M. Grimaldi, Reg. No. 26,599 Sharmini Nathan Green, Reg. No. 41,410 Alexander J. Hadjis, Reg. No. 36,540 Albert P. Halluin, Reg. No. 25,227 Leslie L. Jacobs, Jr., Reg. No. 40,659 Derek J. Jardieu, Reg. No. 44,483

Christopher L. Kelley, Reg. No. 42,714 Brian S. Y. Kim, Reg. No. 41,114

Send Correspondence to:

Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186 Andrew R. Kopsidas, Reg. No. 42,759 David J. Kulik, Reg. No. 36,576 Viola T. Kung, Reg. No. 41,131 Robert C. Laurenson, Reg. No. 34,206

Joseph P. Lavelle, Reg. No. 31,036 Don F. Livornese, Reg. No. 32,040 Christopher A. Mathews, Reg. No. 35,944 David R. Marsh, Reg. No. 41,408 Joseph A. Micallef, Reg. No. 39,772 Erik B. Milch, Reg. No. 42,887 Anthony D. Miller, Reg. No. 34,394 Matthew J. Moore, Reg. No. 42,012 Karen L. Nicastro, Reg. No. 35,968 Bradley J. Olson, Reg. No. 40,750 Andrew Y. Piatnicia, Reg. No. 40,772 Timothy W. Riffe, Reg. No. 43,881 Andrea G. Reister, Reg. No. 36,253 Paul D. Roath, Reg. No. 45,045 Stephen J. Rosenman, Reg. No. 29,209 Timothy L. Scott, Reg. No. 37,931 Anthony W. Shaw, Reg. No. 30,104 J. David Smith, Reg. No. 39,839 Michael J. Songer, Reg. No. 39,841 Jennifer A. Tipsord, Reg. No. 40.205 William K. West, Reg. No. 22,057 Adam K. Whiting, Reg. No. 44,400 Robert J. Worrall, Reg. No. 37,969

Larry M. Lavin, Jr.
Monsanto Company
700 Chesterfield Parkway North, BB4F
St. Louis, Missouri
Facsimile: (314) 737-6047

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Scott E. Andersen	
Inventor's signature	·	Date
Residence	St. Louis, Missouri USA	
Citizenship	USA	
Post Office Address	1984 Oberlin Court, St. Louis, Missouri 63146	
Full name of second inventor	Joseph R. Byrum	
Inventor's signature		Date
Residence	Des Moines, Iowa USA	
Citizenship	USA	
Post Office Address	4533 Woodland Avenue, Unit 1, Des Moines, Iowa 50266	

Inventor's signature	Date 9 June 2000
Residence Ballwin, Missouri USA	
Citizenship USA-Philippines	
Post Office Address 825 Forest Village Drive, Ballwin, Missouri 63021	



Combined Declaration and Power of Attorney for Patent Application

Docket Number: 38-21(15878)B

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled <u>Nucleic Acid Molecules and Other Molecules Associated With Plants</u>, the specification of which is filed herewith unless the following box is checked:

•			
	Application Number; and (if applicable).		
I hereby state that I have amended by any amendm		ents of the above identified specification, in	cluding the claims, as
I acknowledge the duty to	disclose information that is mate	rial to patentability as defined in 37 C.F.R.	§ 1.56.
inventor's certificate, or § States listed below, and h	365(a) of any PCT international a	19(a)-(d) or § 365(b) of any foreign applic application, which designated at least one cign application for patent or inventor's cert in on which priority is claimed.	ountry other than the United
Prior Foreign Application	(s)		Priority Claimed
			Yes No
(Application No.)	(Country)	(Day/Month/Year Filed)	
			☐ Yes ☐ No
(Application No.)	(Country)	(Day/Month/Year Filed)	
I hereby claim the benefit	under 35 U.S.C. § 119(e) of any	United States provisional application(s) lis	ted below.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

Robert A. Auchter, Reg. No. 38,069 Jeffrey I. Auerbach, Reg. No. 32,680 Melvin L. Barnes, Jr. Reg. No. 38,375 William D. Belanger, Reg. No. 40,509 Michael J. Bell, Reg. No. 39,604 John A. Bendrick, Reg. No. 341,612 Celine T. Callahan, Reg. No. 34,301 Cono A. Carrano, Reg. No. 39,623 June E. Cohan, Reg. No. 43,741 Joseph V. Colaianni, Reg. No. 39,948 Chris Comuntzis, Reg. No. 31,097 Mary S. Consalvi, Reg. No. 32,212 Jenny Wei-Chun Chen, Reg. No. 44,604 Ben M. Davidson, Reg. No. 38,424 Ross E. Davidson, Reg. No. 41,698 James F. Davis, Reg. No. 21,072 Thomas M. Dunham, Reg. No. 39,965 Thomas C. Fiala, Reg. No. 43,610 Joel M. Freed, Reg. No. 25,101 Vernon Randall Gard, Reg. No. 33,886 Alan M. Grimaldi, Reg. No. 26,599 Sharmini Nathan Green, Reg. No. 41,410 Alexander J. Hadjis, Reg. No. 36,540 Albert P. Halluin, Reg. No. 25,227 Leslie L. Jacobs, Jr., Reg. No. 40,659 Derek J. Jardieu, Reg. No. 44,483

Christopher L. Kelley, Reg. No. 42,714 Brian S. Y. Kim, Reg. No. 41,114

Send Correspondence to:

Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186 Andrew R. Kopsidas, Reg. No. 42,759 David J. Kulik, Reg. No. 36,576 Viola T. Kung, Reg. No. 41,131 Robert C. Laurenson, Reg. No. 34,206

Joseph P. Lavelle, Reg. No. 31,036 Don F. Livornese, Reg. No. 32,040 Christopher A. Mathews, Reg. No. 35,944 David R. Marsh, Reg. No. 41,408 Joseph A. Micallef, Reg. No. 39,772 Erik B. Milch, Reg. No. 42,887 Anthony D. Miller, Reg. No. 34,394 Matthew J. Moore, Reg. No. 42,012 Karen L. Nicastro, Reg. No. 35,968 Bradley J. Olson, Reg. No. 40,750 Andrew Y. Piatnicia, Reg.No. 40,772 Timothy W. Riffe, Reg. No. 43,881 Andrea G. Reister, Reg. No. 36,253 Paul D. Roath, Reg. No. 45,045 Stephen J. Rosenman, Reg. No. 29,209 Timothy L. Scott, Reg. No. 37,931 Anthony W. Shaw, Reg. No. 30,104 J. David Smith, Reg. No. 39,839 Michael J. Songer, Reg. No. 39,841 Jennifer A. Tipsord, Reg. No. 40.205 William K. West, Reg. No. 22,057 Adam K. Whiting, Reg. No. 44,400 Robert J. Worrall, Reg. No. 37,969

Larry M. Lavin, Jr.
Monsanto Company
700 Chesterfield Parkway North, BB4F
St. Louis, Missouri
Facsimile: (314) 737-6047

Direct Telephone Calls to: 314-737-6670

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inv	entor Scott E. Andersen	
Inventor's signature		Date
Residence	St. Louis, Missouri USA	
Citizenship	USA	
Post Office Address	1984 Oberlin Court, St. Louis, Missouri 63146	

Full name of second inve	entor Joseph R. Byrum	
Inventor's signature	Joseph Byn	Date 4/5/00
Residence	Des Moines, Iowa USA	
Citizenship	USA	
Post Office Address	4533 Woodland Avenue, Unit 1, Des Moines, Iowa 50266	
·		

Inventor's signature		Date
Residence	Ballwin, Missouri USA	
Citizenship	USA	
Post Office Address	825 Forest Village Drive, Ballwin, Missouri 63021	